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(71) Applicants (for all designated States except US): **TOYOTA INDUSTRIES CORP. [JP/JP]**; Corporate Technical Center, 8, Chaya, Kyowa-cho, Obu-shi, Aichi 474-8601 (JP). **UNIVERSAL DISPLAY CORPORATION [US/US]**; 375 Phillips Boulevard, Ewing, NJ 08618 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ITO, Hironori [JP/JP]**; 4-1406 Umegaka Tempaku, Nagoya-City, Aichi (JP). **KOIDE, Naotaka [JP/JP]**; 528 Azamachi Motohoshzaki Minami, Nagoya-City, Aichi (JP). **TUNG, Yeh-Jiun [US/US]**; 303 Trinity Court, Apartment 6,

Princeton, NJ 08540 (US). **HACK, Michael [US/US]**; 68 Delaware Avenue, Lambertville, NJ 08530 (US). **BROWN, Julie [US/US]**; 1405 Westover Road, Yardley, PA 19067 (US).

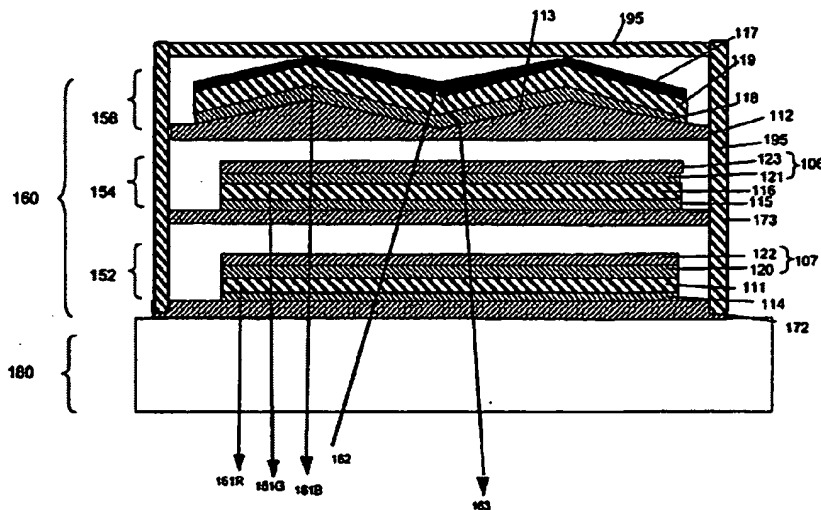
(74) Agents: **CAMPBELL, Ronald et al.**; Universal Display Corporation, 375 Phillips Boulevard, Ewing, NJ 08618 (US).

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(54) Title: **TRANSFLECTIVE DISPLAY HAVING FULL COLOR OLED BACKLIGHT**



(57) Abstract: Disclosed is a conventional Organic light emitting diode (OLED)(156) having one reflective electrode in combination with a least one transparent OLED in stacked configuration functioning as backlighting in a transreflective display apparatus such as a liquid crystal display (LCD) (180). Preferably, at least two transparent OLEDs (154, 152) are arranged in a stacked configuration with one conventional OLED (156), each of the three OLEDs emitting light of a different bandwidth (161R, 161G, 161B). The reflective electrode (117) located behind the backlight also serves as a reflecting plate for the display. This arrangement enhances reflectivity and permits color sequencing in the transmissive mode, allowing all the components of a full color display (i.e. red, green, blue) to emit through the same pixel without the need for a color filter

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